

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Jerry L. Holden
Serial No.: 10/584,033
Filed: 05/01/2007
Group Art Unit: 3725
Examiner: Yusuf, Mohammad I.
Conformation No.: 6905
Title: INDENTED TUBE FOR A HEAT EXCHANGER

REVISED APPEAL BRIEF

Mail Stop Appeal Brief - Patents
Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:


In response to the Notification of Non-Compliant Appeal Brief mailed November 24, 2010,
Appellant hereby submits a revised claims appendix.

Respectfully submitted,

CARLSON, GASKEY & OLDS, P.C.

12-10-10

Date



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CLAIMS APPENDIX

1. A method of forming a tube comprising the steps of:
positioning the tube in a first position;
forming an indentation on the tube with a mold;
moving the tube to a second position relative to the mold; and
releasing the mold from the tube, wherein the step of moving occurs after the step of releasing.
2. The method as recited in claim 1 further including the step of repeating the step of forming an indentation.
5. The method as recited in claim 1 wherein the step of moving includes rotating the tube relative to the mold and translating the tube relative to the mold.
6. The method as recited in claim 5 wherein the step of moving occurs after the step of releasing.
7. The method as recited in claim 1 wherein the step of moving includes translating the tube relative to the mold.
8. The method as recited in claim 7 wherein the step of moving occurs after the step of releasing.
9. The method as recited in claim 5 further including the step of repeating the step of forming an indentation, wherein the step of rotating includes rotating the tube relative to the mold between approximately 5 to 10° between each of the step of repeating.
10. The method as recited in claim 1 wherein the tube includes an end portion, and the end portion has a substantially circular cross-section.

11. The method as recited in claim 1 wherein the mold includes a roller that engages the tube, and the step of moving the tube forms a groove on the tube as the roller engages the tube.
12. The method as recited in claim 11 wherein the step of moving includes rotating and translating the tube relative to the mold.
13. The method as recited in claim 11 wherein the step of moving includes translating the tube relative to the mold.
14. The method as recited in claim 11 wherein the mold includes a plurality of rollers.
20. A method of forming a tube, comprising the steps of:
 - positioning the tube in a mold at a first position;
 - crimping the tube with the mold to form an indentation in the tube;
 - releasing the mold from the tube;
 - axially translating the tube to a second position relative to the mold subsequent to releasing the mold from the tube; and
 - crimping the tube with the mold to form an additional indentation in the tube.
21. A method of forming a tube, comprising the steps of:
 - positioning the tube in a mold at a first position;
 - crimping the tube with the mold to form an indentation in the tube;
 - releasing the mold from the tube;
 - axially and rotatably translating the tube from the first position to a second position relative to the mold, wherein the tube is rotated between 5 and 10 degrees; and
 - crimping the tube with the mold to form an additional indentation in the tube subsequent to axially and rotatably translating the tube.